abcam

ab326484

FITC Anti-IL2 Receptor beta/p75 antibody [TU27]

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	FITC
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Clone number	TU27
Purification technique	Size-exclusion chromatography
Specificity	The mouse monoclonal antibody TU27 recognizes an extracellular epitope of CD122 (IL-2R beta), a 70-75 kDa type I transmembrane glycoprotein constitutively expressed by NK cells and a T cell subset, and upregulated upon activation.
Light chain type	kappa
Purification notes	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.

Target data

See full target information IL2RB

Function	Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2. Probably in association with IL15RA, involved in the stimulation of neutrophil phagocytosis by IL15 (PubMed:15123770, PubMed:31040185).

Storage

Shipped at conditions	Ambient - Can Ship with Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze, Store in the dark

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

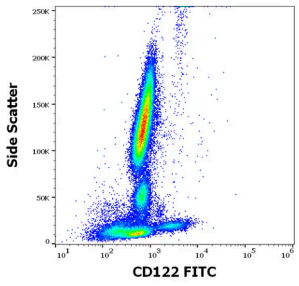
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

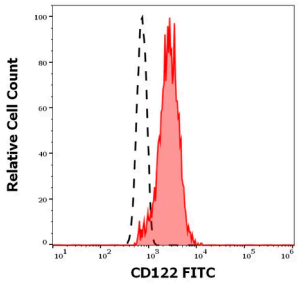
3 product images



Flow Cytometry - FITC Anti-IL2 Receptor beta/p75 antibody [TU27] (ab326484)

IL2 Receptor beta/p75 Flow Cytometry staining of human peripheral whole blood using mouse Anti-IL2 Receptor beta/p75 antibody

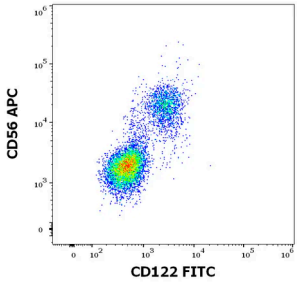
Flow cytometry surface staining pattern of human peripheral whole blood stained using ab326484 (concentration in sample 0.56 µg/ml).



Flow Cytometry - FITC Anti-IL2 Receptor beta/p75 antibody [TU27] (ab326484)

IL2 Receptor beta/p75 Flow Cytometry staining of human peripheral whole blood using mouse Anti-IL2 Receptor beta/p75 antibody

Separation of human CD122 positive CD56 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab326484 (concentration in sample 0.56 µg/ml).



Flow Cytometry - FITC Anti-IL2 Receptor beta/p75 antibody [TU27] (ab326484)

IL2 Receptor beta/p75 Flow Cytometry staining of human lymphocytes using mouse Anti-IL2 Receptor beta/p75 antibody

Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD56 (LT56) APC antibody (10 µl reagent / 100 µl of peripheral whole blood) and ab326484 (concentration in sample 0.56 µg/ml).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.